

Converting Colors

HunterLab(37.3749, -2.1268,
-42.1243)

Have a look what the booklet for
HunterLab(37.3749, -2.1268,
-42.1243) contains.

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Color

**HunterLab(37.5125, -2.3356,
-41.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	006DB0
RGB	0, 109, 176
RGB Percent	0%, 43%, 69%
CMY	0.9999, 0.5725, 0.3098
CMYK	1.00, 0.38, 0.00, 0.31
HSL	203°, 100%, 35%
HSV	203°, 100%, 69%
XYZ	13.3051, 14.0719, 43.0892
YIQ	84.0470, -86.4710, -2.2710

Conversions

Conversions Part 2

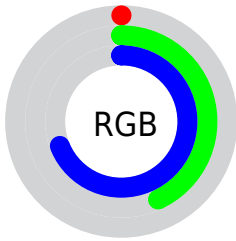
Format	Color
R_{YB}	0, 67, 176
Decimal	28080
CIE _{Lab}	44.34, -0.45, -42.81
CIE _{LCh}	44, 42.810, 269.395
Yxy	14.0723, 0.1888, 0.1997
Android (android.graphics.Color)	4278218160 (0xFF006DB0)
YUV	84.0470, 45.3328, -73.7092
Hunter-Lab	37.5125, -2.3356, -41.8454

Details

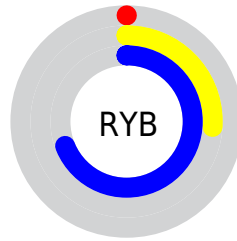
The HunterLab color **37.5125, -2.3356, -41.8454** is a dark color, and the websafe version is hex **006699**, and the color name is **honolulu blue**. A complement of this color would be **36.3986, 33.9614, 23.0216**, and the grayscale version is **29.6588, -1.5825, 1.6114**.

A 20% lighter version of the original color is **57.6125, -3.3785, -43.1255**, and **22.0801, 4.1881, -36.6391** is the 20% darker color. If you saturate the color by 10%, you get **37.5091, -2.3298, -41.8537**, and if you desaturate by 10%, it is **39.6004, -4.8868, -37.1811**.

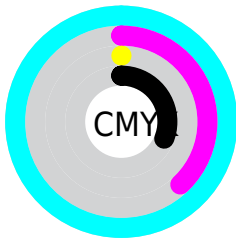
Distribution



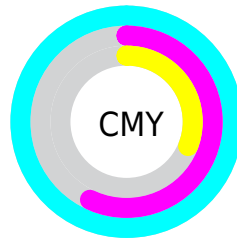
- Red (0%)
- Green (43%)
- Blue (69%)



- Red (0%)
- Yellow (26%)
- Blue (69%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (57%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5125, -2.3356, -41.8454 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 37.5125, -2.3356, -41.8454 by changing the saturation by 10% instead.

37.5125, -2.3356,
-41.8454

37.5125, -2.3356,
-41.8454

147.5399, -8.4037,
-47.3832

28.5849, -1.8292,
-41.4347

57.6344, -3.4607,
-43.1203

20.5050, -1.3658,
-41.4619

68.7239, -4.0762,
-43.8161

13.3740, -0.9488,
-42.5543

80.4454, -4.7241,
-44.5013

6.9287, -0.6543,
-50.1451

92.7666, -5.4031,
-45.1591

0.0000, NaN, -NF

0.0000, NaN, -NF

105.6596, -6.1116,
-45.7801

0.0000, NaN, NaN

119.1000, -6.8486,

0.0000, NaN, NaN

-46.3593

0.0000, NaN, NaN

133.0665, -7.6129,
-46.8941

■ 37.5125, -2.3356,
-41.8454

■ 37.5125, -2.3356,
-41.8454

■ 37.5091, -2.3298,
-41.8537

■ 39.6004, -4.8868,
-37.1811

■ 41.8502, -6.9274,
-32.5246

■ 44.2890, -8.3446,
-27.8423

■ 46.9112, -9.1493,
-23.1670

■ 49.7074, -9.3757,
-18.5276

■ 52.6662, -9.0697,
-13.9466

■ 55.7759, -8.2815,
-9.4386

■ 59.0248, -7.0615,
-5.0120

■ 62.4020, -5.4571,
-0.6699

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.5131, -16.7014, -33.8822



37.5125, -2.3356, -41.8454



37.5131, 14.7029, -34.4629

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.5131, -2.3349, -41.8445



37.5131, 29.4946, 13.9522



37.5131, -25.4034, 14.2971

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.5125, -2.3356, -41.8454



36.3986, 33.9614, 23.0216

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.5131, -16.2173, 19.8674



37.5125, -2.3356, -41.8454



37.5131, 15.3761, 19.7366

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.5131, -2.3349, -41.8445



37.5131, 34.8812, 1.7249



37.5131, -1.6712, 21.3234



37.5131, -28.5422, 2.3562

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.5125, -2.3356, -41.8454



37.5131, 24.9646, -23.0941



37.5131, -1.6712, 21.3234



37.5131, -23.0076, 16.7543

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.5131, -2.3349, -41.8445



74.8816, -11.2263, -13.0389



56.0604, -45.6730, 28.5266



34.0492, -5.4576, -7.2268



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.5131, -2.3349, -41.8445



50.0660, -2.3934, -57.4114



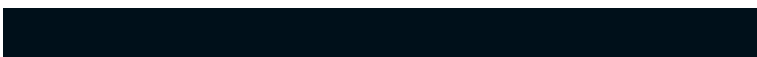
19.4101, 41.0121, -112.7880



30.1282, -2.5692, -0.1879



32.3086, -2.2913, -35.4366



6.6089, -1.7582, -4.4652

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.1482, 58.4833, -5.8500



43.2399, 78.5744, -7.1339



56.4463, -6.3768, 34.6693



29.3100, 1.7527, 0.3452



27.5570, 50.1736, -5.3041



4.9987, 9.2964, -2.4747

Previews

White Background



This preview shows how the HunterLab color 37.5125, -2.3356, -41.8454 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.5125, -2.3356, -41.8454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

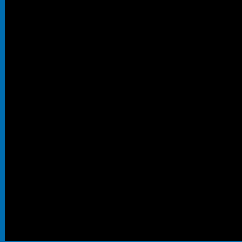
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.5125, -2.3356, -41.8454 Background



This preview shows how black text looks on a background with the HunterLab color 37.5125, -2.3356, -41.8454.



This preview shows how white text looks on a background with the HunterLab color 37.5125, -2.3356,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.5125, -2.3356, -41.8454

Protanopia

37.4496, 6.6693, -37.0162

Deuteranopia

37.7350, 2.8286, -42.0533



Tritanopia

37.3784, -17.9102, -8.0569

Trichromacy



Original Color

37.5125, -2.3356, -41.8454

Protanomaly

37.0942, 1.5560, -39.4991

Deuteranomaly

37.4564, 0.4694, -42.7524

Tritanomaly

37.1805, -12.5479, -19.3851

Monochromacy



Original Color

37.5125, -2.3356, -41.8454

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.4165, -6.1532, -12.5104

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5125, -2.3356, -41.8454 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 109, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 109, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5125, -2.3356, -41.8454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 109, 176) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 109, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 109, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5125, -2.3356, -41.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 109,  
176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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